BRUHAT BANGLORE MAHANAGARA PALIKE

DASARAHALLI-ZONE

T.DASARAHALLI-SUB-DIVISION.

Name Of Work: Dismantling & Construction of Culverts, Removal of debries and Providing new Pre-cast RCC covering slabs, desilting of drains in Ward No 14, Bagalagunte

EST.COST: 35.25 Lakhs

BRUHAT BANAGLORE MAHANAGARA PALIKE

Excecutive Engineer Dasarahalli Division

DETAILED ESTIMATE

Name of Work:Dismantling & Construction of Culverts, removal of debries and providing New Pre cast RCC Covering Slabs, Desilting of drains in Bagalagunte ward no.14, Dasarahalli Sub Division

P-Code: 3726, Budject Code-05-220610 | **Estimate cost** | **35.25**

Sl	Description of Item	Unit / Rate	Nos	Dimensions L in m	Dimensions B in m	Dimensions D in m	Quantity	Rate in Rs.	Total Amount in Rs
1	KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1(a) / 2.3.1 (P.No.6 I.No.2.3)								
	Basic Rate	**299.00**							
	AW 6%	**17.94**							
	Total	**316.94**							
	Rcc Drain								
	Munikondappa Layout [redacted]	2	198	1.1	1.0	217.80		cum	
				Total		**217.80**	**316.94**	**Sqm**	**69030**
2	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregtes @ 0.57 cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms, thick well compacted, in foundation and plinth including cost of all materials, labour, HOM of machinery, curing complete as per specifications. (P.13/4.3)								5115 511.5 6442 Pg. 174 20.28
	Basic Rate:	5102.00							
	Area Weightage 6%	306.12							
	Total	**5408.12**							
	Rcc Drain								
	Munikondappa Layout [redacted]	2	198	1.1	0.15	32.67			
						32.67	**5408.12**	**cum**	**176683**
3	KSRB 4-6.9 :Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (Page No. 17 / Item No.4.36)								
	Basic Rate	755.00							
	AW@ 6%	45.30							
	Total	**800.30**							
	Rcc Drain								
	For Drians Walls								
		4	198		0.6	475.20			
				Total		**475.20**	**800.30**	**Sqm**	**380303**
4	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6								

Basic Rate:	5659.00							
Area Weightage 6%	339.54							
Total	5998.54							
Rcc Drain								
Munikondappa Layout [redacted]	2	198	1.1	0.15	65.34			
For Drians Walls								
Rcc Drain								
Munikondappa Layout [redacted]	4	198	0.15	0.6	71.28			
				Total	**136.62**	**5998.54**	**Cum**	**819521**
5 KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. (TMT bars FC 500)(P.18/4.46.2) **Issue rate date : 02.11.2021 till now**								83780 8378 92158 8 Rs. 136 13-1
Basic Rate	87417.00							
Area Weightage 6%	5245.02							
Total	**92662.02**							
For Drain								
Qty @60Kg/Cum		0.060	136.62		8.20			
				Total	**8.20**	**92662.02**	**T**	**759569**
6 Providing and and fixing Precast Concrete slab 10 CM thick witth all lead and lift as per specification **(Data Rate Approved) 2018-19**								
Basic Rate:	2337.00							
Total	**2337.00**							
Rcc Drain								
Munikondappa Layout [redacted]	2	198	0.9		356.40			
				Total	**356.40**	**2337.00**	**sqm**	**832907**
7 Transportaion & disposing of the excavated earth obtained from side drains & high burns an either sides of the road 2km lead (P.No 134)								
Avg wt of earth 1.28 tonne/km								
Basic rate lead charges for 4.00kms (2.00x1.28x15.00)					12.80			
Add loading & unloading					68.00			
Sub total					80.80			
AW 6%					4.85			
Total					85.65			
Qty vide i.no 1					217.80	85.65	Cum	18654
							Sub Tota	**3056665.95**
							Add 12% Towards GST Charges	**366799.91**
							Tender premium 3%	**91699.98**
							Miscellaneous Charges	**9834.16**
							Grand Total	**3525000.00**

Certificate:-

1. That the workspot inspected by me and found work is necessary.
2. That the area comes with in the Bruhat Bangalore Mahanagara Palike Limits.
3. That the rates are adopted based on the PWD SR of 2018-19
4. That the provisions made in the estimate are necessary and quite essential.

Assistant Engineer
Ward No.14
BBMP Bangalore

Assistant Executive
Dasarahalli Sub-
BBMP

Executive Engineer
Dasarahalli Division
BBMP Bangalore

ADMINISTRATIVELY SANCTIONED FOR
(Rupees Thirty five lakhs Twenty five thousand only
Under the Head of Account P-3726
Registered as no EE(D D)/AS/48/ Subject to conditions contained in Enclosed Memo
No. EE/DD/AS/48/21-22 Dt. 13-01-22
Exe. Engr.
JE/AE. (DASARAHALLI DIVISION)

Technically Sanctione for Rs. 35.25 Lakh
Rs. In words Rupees Thirty five lakhs and Twenty five thousand only
Under P-3726
B
Job Code No Budget Item 05-220610
Registered as CE No 84/14-01-2022 subject to conditions contained in Enclosed Memo
No CE/DZ/TS/84/2021-22 Dt. 14-01-2022
AE/JE TA CE(D)